

Abstract

A scooter having a fuselage with a front portion and a rear portion that includes a rear wheel rotatably mounted at the rear portion. The scooter also includes a standing platform  
5 supported by the fuselage for supporting a rider and a transmission system mounted under the standing platform in the rear portion of the fuselage. The transmission system having a motor with a wheel engagement element being operatively coupled with the rear wheel to allow the wheel engagement element to  
10 rotate the rear wheel when the wheel engagement element is engaged with the rear wheel. Another embodiment of the transmission system includes a motor, a first drive cone coupled the motor; and, a drive cone engagement mechanism configured to allow the first drive cone to be operatively coupled with a wheel  
15 to rotate the wheel.